

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L8 | 16 | digital SAME mono-pol\$ | US-PGPUB; USPAT | OR | ON | 2004/12/17 10:09 |
| L22 | 0 | "mono-polar" ADJ wave | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/17 10:27 |
| L23 | 1 | "mono-polar" ADJ waveform | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/17 10:27 |
| L24 | 434 | "mono-polar" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/17 10:27 |
| L25 | 15 | "mono-polar" SAME transmit\$ | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/17 10:28 |
| L26 | 49 | (US-20040056652-\$).did. or (US-2150922-\$ or US-3706090-\$ or US-3835371-\$ or US-4561314-\$ or US-4652820-\$ or US-4963817-\$ or US-4995639-\$ or US-5015953-\$ or US-5142227-\$ or US-5144846-\$ or US-5177370-\$ or US-5179256-\$ or US-5218296-\$ or US-5281780-\$ or US-5297439-\$ or US-5418459-\$ or US-5428534-\$ or US-5437197-\$ or US-5453291-\$ or US-5504425-\$ or US-5508662-\$ or US-5515933-\$ or US-5525907-\$ or US-5544716-\$ or US-5565632-\$ or US-5580084-\$). did. or (US-5640088-\$ or US-5729143-\$ or US-5760577-\$ or US-5767766-\$ or US-5790031-\$ or US-5811969-\$ or US-5909118-\$ or US-5929635-\$ or US-5986549-\$ or US-6002251-\$ or US-6039345-\$ or US-6112580-\$ or US-6118271-\$ or US-6169339-\$ or US-6218831-\$ or US-6232774-\$ or US-6281680-\$ or US-6328126-\$ or US-6448757-\$ or US-6675645-\$ or US-H000879-\$ or US-RE36427-\$).did. | US-PGPUB; USPAT | OR | ON | 2004/12/17 10:37 |
| L27 | 2 | "L49" AND harmonic | US-PGPUB; USPAT | OR | ON | 2004/12/17 10:41 |
| L29 | 3151 | coil WITH harmonic | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/17 10:38 |

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| L30 | 1 | coil WITH harmonic AND "L49" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/17 10:38 |
| L32 | 2 | "L49" AND harmonic | US-PGPUB; USPAT | OR | ON | 2004/12/17 10:42 |
| L33 | 8 | L26 AND harmonic | US-PGPUB; USPAT | OR | ON | 2004/12/17 10:49 |
| L34 | 1475 | "inherent capacitance" | US-PGPUB; USPAT | OR | ON | 2004/12/17 10:50 |
| L35 | 123 | "inherent capacitance" AND harmonic | US-PGPUB; USPAT | OR | ON | 2004/12/17 14:18 |
| L36 | 12 | "inherent capacitance" WITH harmonic | US-PGPUB; USPAT | OR | ON | 2004/12/17 10:52 |
| L37 | 903 | "capacitance" WITH harmonic | US-PGPUB; USPAT | OR | ON | 2004/12/17 10:52 |
| L38 | 48 | "capacitance" WITH harmonic WITH coil | US-PGPUB; USPAT | OR | ON | 2004/12/17 14:12 |
| L39 | 37 | (LC ADJ2 circuit).ti. | US-PGPUB; USPAT | OR | ON | 2004/12/17 12:42 |
| L49 | 6 | ("4322698" "4746557" "4990202" "5006182" "5197170" "5337026").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/17 12:14 |
| L50 | 17 | ("3201774" "3255405" "3373374" "3381217" "3602806" "3735244" "3896371" "4568937" "4835471" "4896110" "4983914" "5012206" "5313161").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/17 12:16 |
| L51 | 448 | (LC ADJ2 circuit).ab. | US-PGPUB; USPAT | OR | ON | 2004/12/17 12:42 |
| L52 | 24 | (LC ADJ2 circuit).ab. AND "323"/\$. ccls. | US-PGPUB; USPAT | OR | ON | 2004/12/17 12:42 |
| L53 | 53 | (LC ADJ2 circuit).ab. AND "324"/\$. ccls. | US-PGPUB; USPAT | OR | ON | 2004/12/17 13:36 |
| L54 | 6 | ("4322698" "4746557" "4990202" "5006182" "5197170" "5337026").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/17 13:35 |
| L55 | 2 | (LC ADJ2 circuit).ab. AND "324"/\$. ccls. AND "fine tuning" | US-PGPUB; USPAT | OR | ON | 2004/12/17 13:37 |
| L56 | 4 | (LC ADJ2 circuit).ab. AND "324"/\$. ccls. AND "fine" | US-PGPUB; USPAT | OR | ON | 2004/12/17 13:37 |

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| L57 | 18 | ("3201774" "3255405" "3373374" "3381217" "3602806" "3735244" "3896371" "4568937" "4835471" "4896110" "4983914" "5012206" "5313161").PN. OR ("5760577").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/17 13:52 |
| L58 | 1123 | colpitts ADJ oscillator | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/17 13:53 |
| L59 | 134 | colpitts ADJ oscillator AND "324"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/17 13:53 |
| L60 | 175 | filter WITH harmonic WITH coil | US-PGPUB; USPAT | OR | ON | 2004/12/17 14:12 |
| L61 | 5 | "inherent capacitance" AND harmonic AND "324"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2004/12/17 14:19 |
| L62 | 17 | ("20010008158" "20040100277" "4182986" "4547745" "4648087" "5015952" "5188426" "5276398" "5367376" "5386195" "5781008" "6072313" "6198279" "6276295" "6306491" "6503816" "6716488").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/17 14:20 |
| S1 | 1 | "6777927" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/14 14:38 |
| S3 | 31 | ("1813746" "2552722" "3659197" "3945459" "4087782" "4178979" "4446741" "4561314" "4802368" "4823621" "4866418" "5007295" "5041769" "5134371" "5144846" "5177370" "5359286" "5437197" "5580084" "5636863" "5646613" "5707076" "5739757" "5747696" "5767766" "5783871" "6039345" "6246230" "6317048").PN. OR ("6777927").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 15:52 |
| S4 | 2 | "6587606" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 15:52 |
| S5 | 2 | "6587048" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 15:57 |
| S6 | 0 | boyma.in. AND automotive.as. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 15:57 |

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| S7 | 0 | boyma.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 15:57 |
| S8 | 14 | bomya.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 15:59 |
| S9 | 451 | "automotive systems".as. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 15:59 |
| S10 | 184 | "automotive systems laboratory".as. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 16:03 |
| S11 | 13 | S10 AND resonant | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 16:13 |
| S12 | 50 | 324/310.ccls. AND @ad<="19990826" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 16:17 |
| S13 | 24 | S12 AND resonant | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 16:14 |
| S14 | 0 | "324"/\$.ccls. AND @ad<="19990826" AND "resontant frequency" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 16:17 |
| S15 | 1910 | "324"/\$.ccls. AND @ad<="19990826" AND "resonant frequency" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 16:17 |
| S16 | 40 | 324/339,240,228,233.ccls. AND @ad<="19990826" AND "resonant frequency" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 16:39 |
| S17 | 703 | 324/339,240,228,233.ccls. AND @ad<="19990826" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 16:39 |
| S18 | 502 | 324/207.16,209.ccls. AND @ad<="19990826" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 16:40 |
| S19 | 1837 | 340/573.1,436,540,547.ccls. AND @ad<="19990826" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 16:40 |
| S20 | 996 | 280/735.ccls. AND @ad<="19990826" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 16:40 |
| S22 | 70 | 73/862.69.ccls. AND @ad<="19990826" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 16:41 |
| S23 | 5 | 73/862.69.ccls. AND @ad<="19990826" AND resonan\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 16:41 |

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| S24 | 5 | ("5437197" "5865463" "5902934" "5908987" "6109117").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/14 16:48 |
| S25 | 335 | (S17 OR S18 OR S19 OR S20) AND resonan\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/16 13:38 |
| S26 | 11 | ("3636437" "3827291" "4312001").PN. OR ("5297439").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 11:39 |
| S27 | 7 | US-6407660-\$.DID. OR US-6433688-\$.DID. OR US-6552662-\$.DID. OR US-6583616-\$.DID. OR US-6586926-\$.DID. OR US-6587048-\$.DID. OR US-6631776-\$.DID. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 11:39 |
| S28 | 28 | ("1813746" "2552722" "3659197" "3945459" "4087782" "4178979" "4434671" "4446741" "4561314" "4754644" "4802368" "4823621" "4866418" "4991301" "5007295" "5134371" "5177370" "5281780" "5437197" "5580084" "5646613" "5707076" "5723789" "5739757" "5747696" "6039345").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 11:46 |
| S30 | 4 | US-5739787-\$.DID. OR US-5747696-\$.DID. OR US-5783871-\$.DID. OR US-6039345-\$.DID. OR "US-6317048-\$.DID". | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 11:50 |
| S31 | 13 | US-1813746-\$.DID. OR US-2552722-\$.DID. OR US-3659197-\$.DID. OR US-3945459-\$.DID. OR US-4087782-\$.DID. OR US-4178979-\$.DID. OR US-4446741-\$.DID. OR US-4561314-\$.DID. OR US-4802368-\$.DID. OR US-4823821-\$.DID. OR US-4866418-\$.DID. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 11:53 |

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| S32 | 11 | US-5007295-\$.DID. OR US-5041769-\$.DID. OR US-5134371-\$.DID. OR US-5144846-\$.DID. OR US-5177370-\$.DID. OR US-5359286-\$.DID. OR US-5437197-\$.DID. OR US-5580084-\$.DID. OR US-5636863-\$.DID. OR US-5646613-\$.DID. OR US-5707076-\$.DID. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 11:53 |
| S33 | 31 | ("1813746" "2552722" "3659197" "3945459" "4087782" "4178979" "4446741" "4561314" "4802368" "4823621" "4866418" "5007295" "5041769" "5134371" "5144846" "5177370" "5359286" "5437197" "5580084" "5636863" "5646613" "5707076" "5739757" "5747696" "5767766" "5783871" "6039345" "6246230" "6317048").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 12:00 |
| S34 | 703 | 324/339,240,228,233.ccls. AND @ad<="19990826" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 13:02 |
| S35 | 502 | 324/207.16,209.ccls. AND @ad<="19990826" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 13:02 |
| S36 | 1837 | 340/573.1,436,540,547.ccls. AND @ad<="19990826" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 13:02 |
| S37 | 996 | 280/735.ccls. AND @ad<="19990826" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 13:02 |
| S38 | 1061 | (S34 OR S35 OR S36 OR S37) AND (crash or impact) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 15:18 |
| S39 | 228 | (S34 OR S35 OR S36 OR S37) AND (crash or impact) AND (magnet or magnetic) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 13:03 |
| S40 | 12 | ("5326133").URPN. | USPAT | OR | ON | 2004/12/15 13:24 |
| S41 | 0 | ("H000879").URPN. | USPAT | OR | ON | 2004/12/15 13:39 |
| S42 | 25 | ("2124579" "2150922" "3449664" "3694740" "4006407" "4041379" "4107605" "4337431" "4413231" "4467281" "4495587" "4496904" "4507608" "4667149" "4719422" "4739261" "4745809" "4747310" "4761610" "4763071" "4821204" "4823082").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 13:39 |

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| S43 | 579 | (S34 OR S35 OR S36 OR S37) AND ((magnet OR magnetic) WITH circuit) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 13:52 |
| S44 | 163 | (S34 OR S35 OR S36 OR S37) AND ((magnet OR magnetic) ADJ circuit) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 13:52 |
| S45 | 11 | ("3706090").URPN. | USPAT | OR | ON | 2004/12/15 14:11 |
| S46 | 1 | "20040056652" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/15 14:57 |
| S47 | 8 | ("5297439").URPN. | USPAT | OR | ON | 2004/12/15 15:17 |
| S48 | 176 | (S34 OR S35 OR S36 OR S37) AND ((crash or impact) WITH (detector or sensor)) AND door | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 15:26 |
| S49 | 78 | (S34 OR S35 OR S36 OR S37) AND (((crash or impact) WITH (detector or sensor)) SAME door) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/15 15:26 |
| S50 | 434 | "mono-polar" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/16 13:52 |
| S51 | 703 | 324/339,240,228,233.ccls. AND @ad<="19990826" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/16 13:38 |
| S52 | 502 | 324/207.16,209.ccls. AND @ad<="19990826" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/16 13:38 |
| S53 | 1837 | 340/573.1,436,540,547.ccls. AND @ad<="19990826" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/16 13:38 |
| S54 | 996 | 280/735.ccls. AND @ad<="19990826" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/16 13:38 |
| S55 | 1 | (S51 OR S52 OR S53 OR S54) AND S50 | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/16 13:38 |
| S56 | 11 | S50 SAME coil | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/16 13:40 |
| S57 | 19 | S50 WITH signal | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/16 13:42 |
| S59 | 7 | S50 AND "324"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/16 13:43 |

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| S60 | 42 | (US-20040056652-\$).did. or (US-2150922-\$ or US-3706090-\$ or US-4561314-\$ or US-4652820-\$ or US-4995639-\$ or US-5015953-\$ or US-5144846-\$ or US-5177370-\$ or US-5179256-\$ or US-5218296-\$ or US-5281780-\$ or US-5297439-\$ or US-5418459-\$ or US-5428534-\$ or US-5437197-\$ or US-5453291-\$ or US-5504425-\$ or US-5508662-\$ or US-5515933-\$ or US-5544716-\$ or US-5565632-\$ or US-5580084-\$ or US-5640088-\$ or US-5729143-\$ or US-5760577-\$ or US-5767766-\$). did. or (US-5790031-\$ or US-5811969-\$ or US-5909118-\$ or US-5986549-\$ or US-6002251-\$ or US-6039345-\$ or US-6112580-\$ or US-6169339-\$ or US-6218831-\$ or US-6232774-\$ or US-6281680-\$ or US-6328126-\$ or US-6675645-\$ or US-H000879-\$ or US-RE36427-\$). did. | US-PGPUB; USPAT | OR | ON | 2004/12/16 13:45 |
| S61 | 165 | "L42" AND square | US-PGPUB; USPAT | OR | ON | 2004/12/16 13:45 |
| S62 | 976 | "L11" AND square | US-PGPUB; USPAT | OR | ON | 2004/12/16 13:45 |
| S63 | 9 | S60 AND square | US-PGPUB; USPAT | OR | ON | 2004/12/16 13:57 |
| S64 | 12 | "mono-polar" SAME magnetic | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/17 10:26 |
| S65 | 16 | S60 AND digital | US-PGPUB; USPAT | OR | ON | 2004/12/16 14:09 |
| S66 | 1233 | square WITH digital WITH analog | US-PGPUB; USPAT | OR | ON | 2004/12/16 14:22 |
| S67 | 131 | S66 and "324"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2004/12/16 14:10 |
| S68 | 7 | ("2576900" "4703448" "4963817" "5019786" "5189420" "5844408").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/16 14:14 |
| S69 | 7 | ("2576900" "4703448" "4963817" "5019786" "5189420" "5844408").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/16 14:15 |
| S70 | 0 | digital SAME mono-polar SAME bi-polar | US-PGPUB; USPAT | OR | ON | 2004/12/16 14:22 |
| S71 | 11 | digital SAME mono-polar | US-PGPUB; USPAT | OR | ON | 2004/12/17 10:09 |
| S72 | 3 | S51 AND S52 AND "digital signal" | US-PGPUB; USPAT | OR | ON | 2004/12/16 14:25 |

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| S73 | 0 | S51 AND S52 AND "digital wave" | US-PGPUB; USPAT | OR | ON | 2004/12/16 14:25 |
| S74 | 1 | S51 AND S52 AND (digital SAME transmit\$) | US-PGPUB; USPAT | OR | ON | 2004/12/16 14:26 |
| S75 | 5 | S51 AND S52 AND digital | US-PGPUB; USPAT | OR | ON | 2004/12/16 14:26 |
| S76 | 743 | S51 OR S52 AND "digital signal" | US-PGPUB; USPAT | OR | ON | 2004/12/16 14:27 |
| S77 | 159 | (S51 OR S52) AND "digital signal" | US-PGPUB; USPAT | OR | ON | 2004/12/16 15:39 |
| S78 | 0 | (S51 OR S52) AND "digital wave" | US-PGPUB; USPAT | OR | ON | 2004/12/16 15:53 |
| S79 | 16608 | "digital" WITH oscillator | US-PGPUB; USPAT | OR | ON | 2004/12/16 15:53 |
| S80 | 539 | digital adj oscillator | US-PGPUB; USPAT | OR | ON | 2004/12/16 15:53 |
| S81 | 2 | (digital adj oscillator) AND (S51 OR S52) | US-PGPUB; USPAT | OR | ON | 2004/12/16 15:54 |
| S82 | 539 | (digital adj oscillator) | US-PGPUB; USPAT | OR | ON | 2004/12/16 15:54 |
| S83 | 27 | (digital adj oscillator) AND "324"/\$. ccls. | US-PGPUB; USPAT | OR | ON | 2004/12/16 16:05 |
| S84 | 26 | (digital adj oscillator) WITH transmit\$ | US-PGPUB; USPAT | OR | ON | 2004/12/16 16:06 |
| S85 | 9 | ("3619772" "3758849" "4605898" "4697146" "4866424" "4868504" "4920317" "4924448" "5025218").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/16 16:17 |
| S86 | 0 | "mono-polar" SAME square SAME digital | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/16 16:27 |
| S87 | 12 | "mono-polar" SAME digital | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/16 16:28 |
| S88 | 3151 | coil WITH harmonic | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/16 16:52 |
| S89 | 94 | coil WITH capacitance WITH harmonic | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/17 10:38 |
| S90 | 4103 | "LC circuit" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/16 16:58 |

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| S91 | 2337 | "LC circuit" AND resistor | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/16 16:58 |
| S92 | 291 | "LC circuit" WITH resistor | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2004/12/16 16:58 |